

jc780 U.S. PTO
09/621795
07/21/00

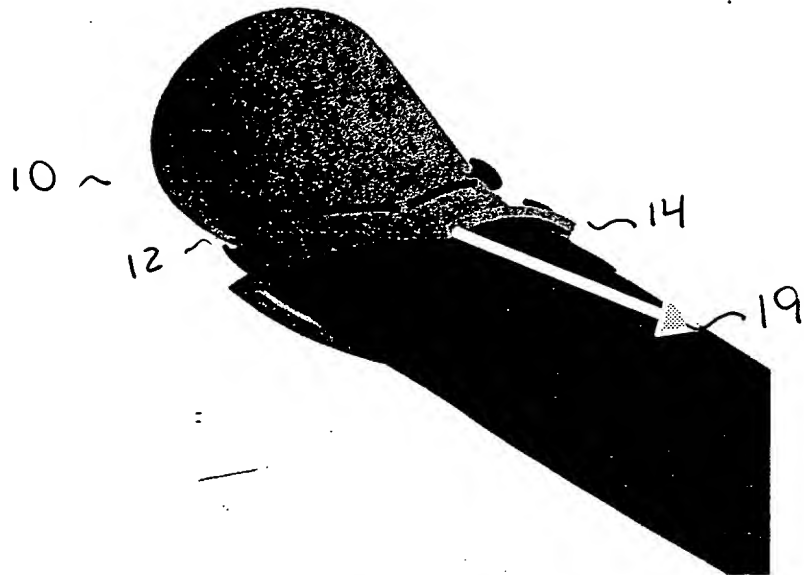
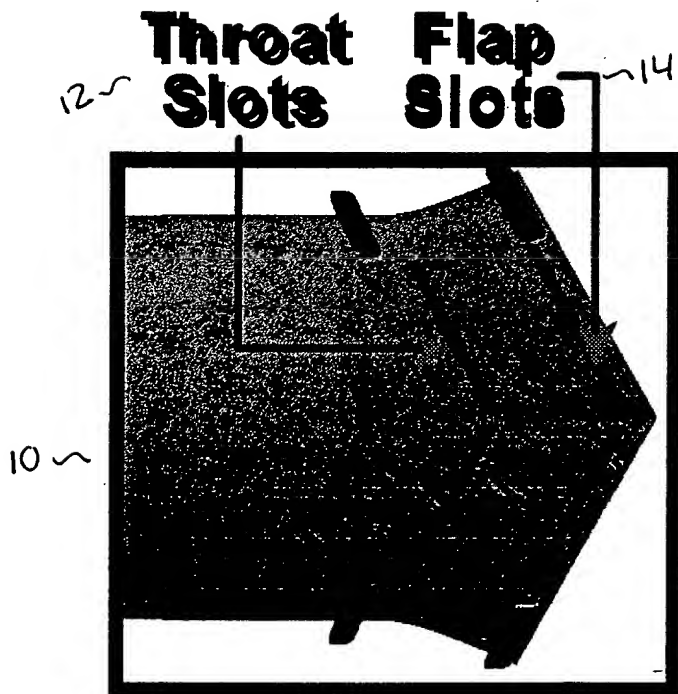
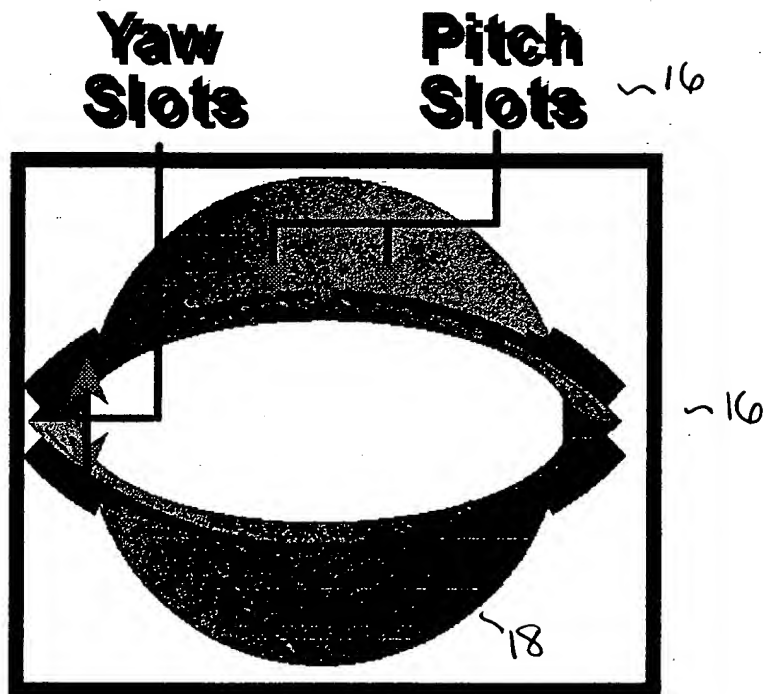


FIGURE 1A



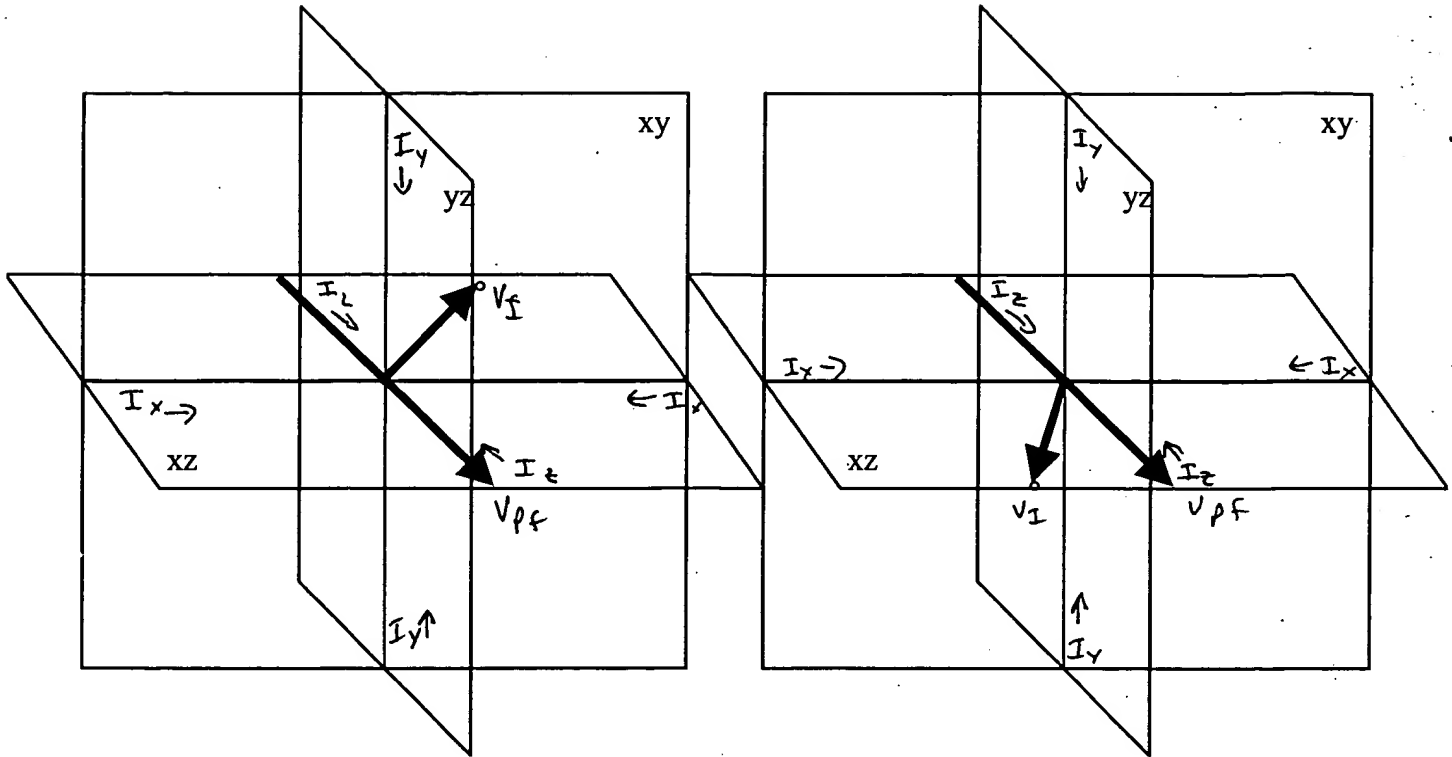
Plan View

FIGURE 1B



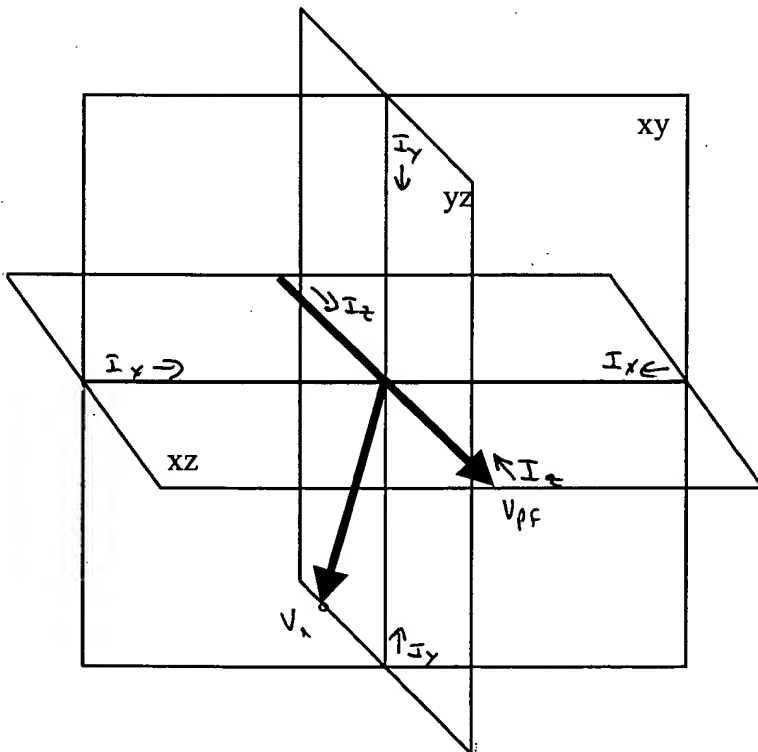
Rear View

FIGURE 1C



Pitch only
netsum of I_x on $V_{pf}=0$

Yaw only
netsum of I_y on $V_{pf}=0$



Combination of Pitch and Yaw

FIGURE 1D

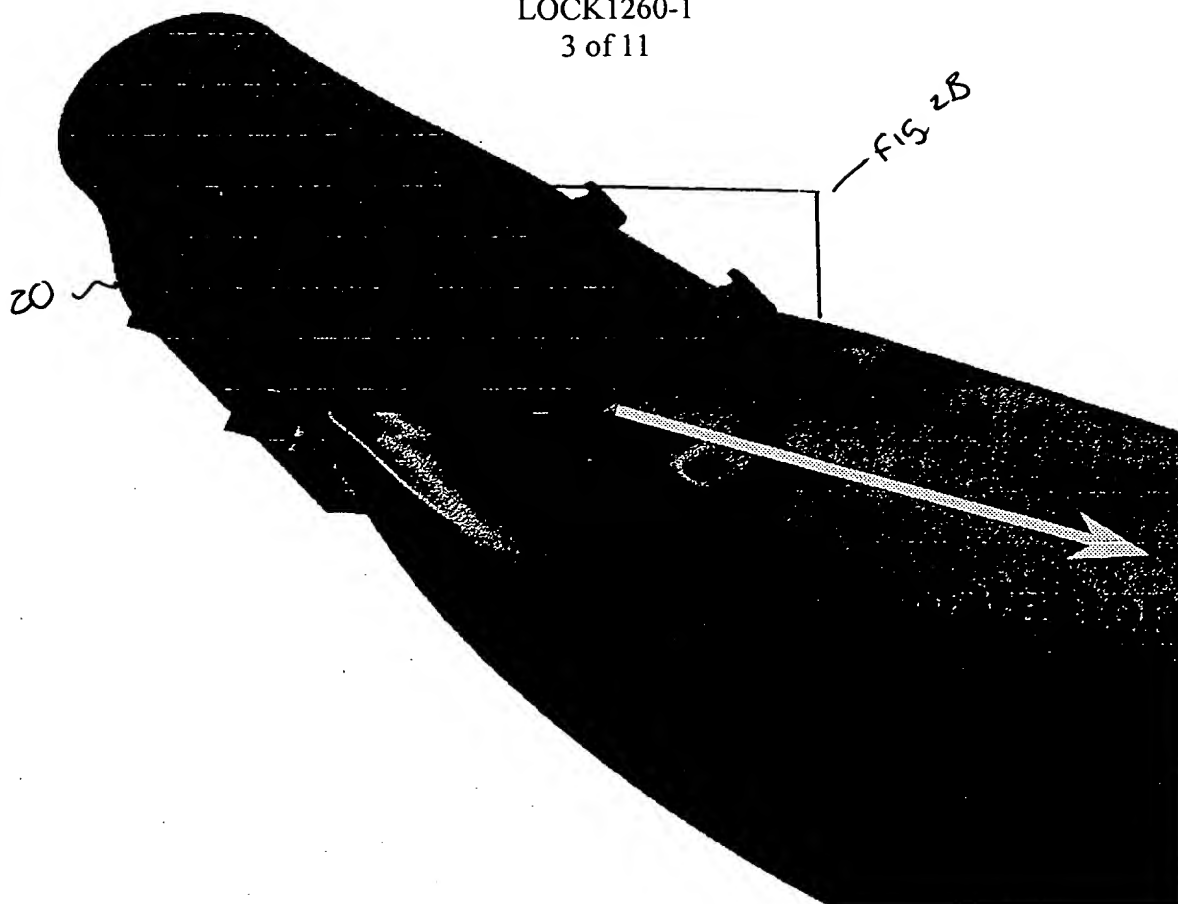


FIGURE 2A

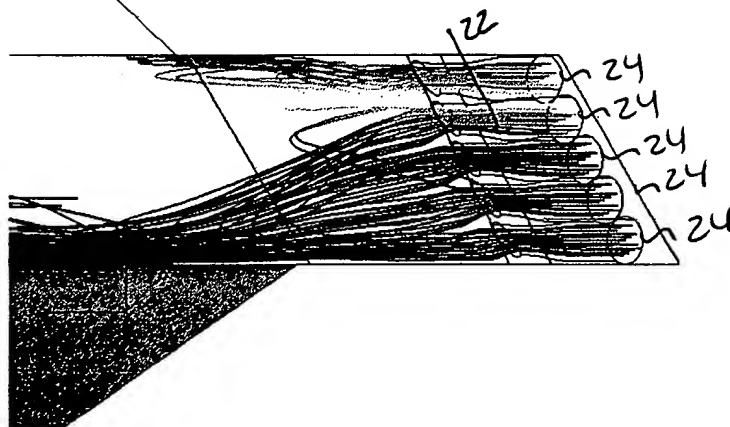


FIGURE 2B

FIGURE 3B

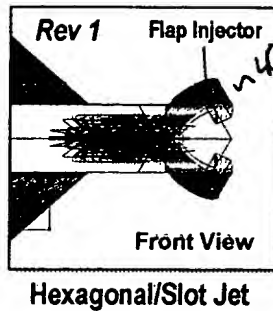
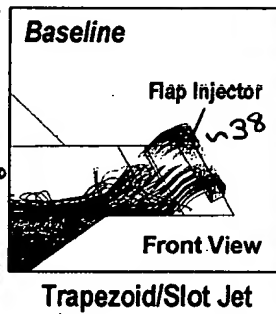
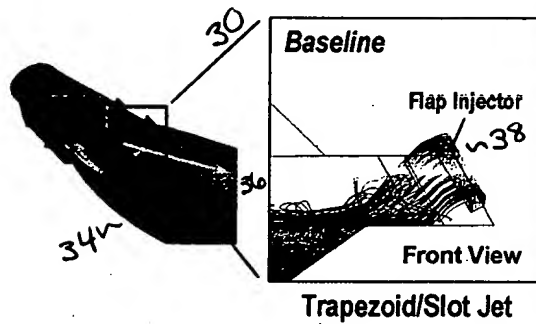


FIGURE 3D

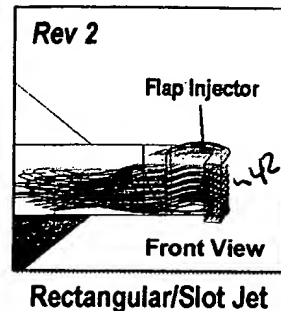


FIGURE 3C

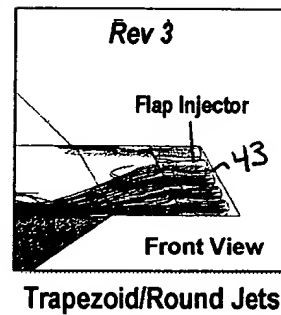


FIGURE 3E

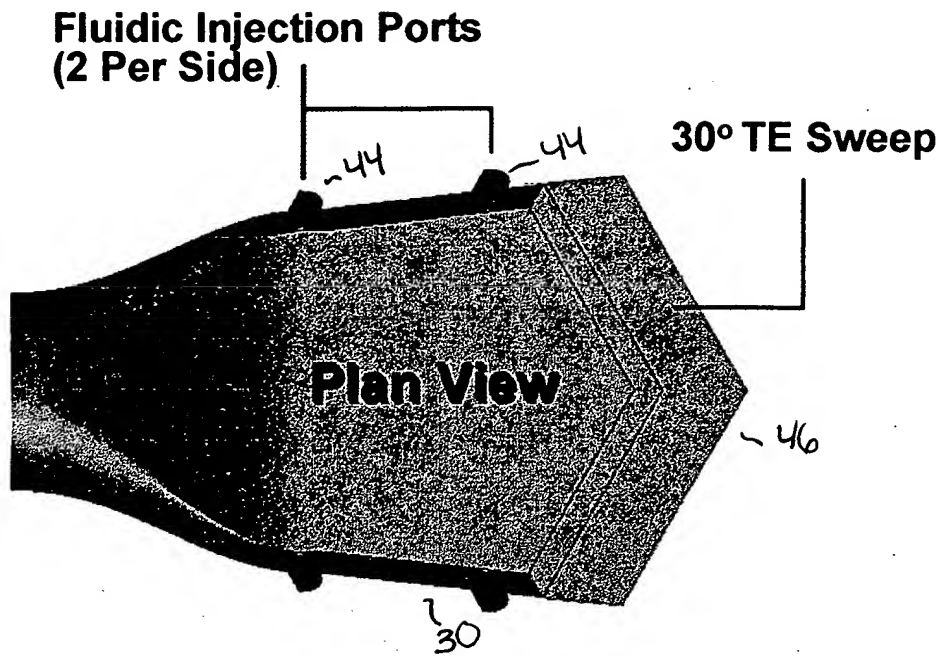


FIGURE 4A

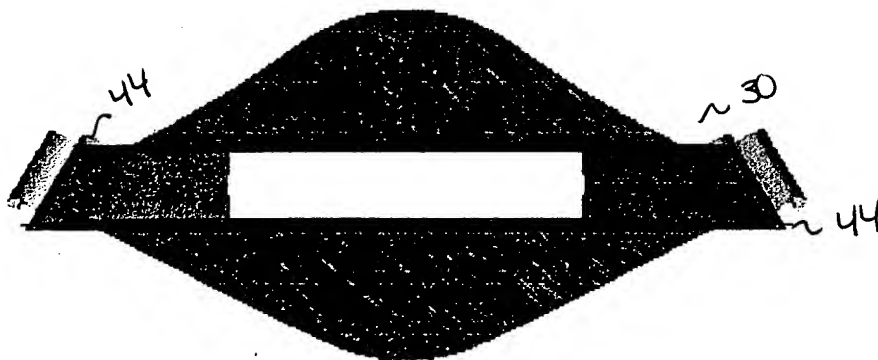


FIGURE 4B

→ Pitch Injection
→ Yaw Injection

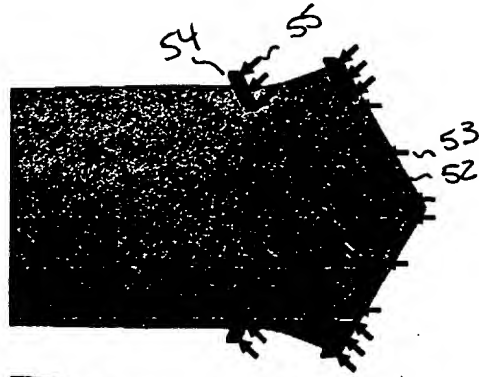


FIGURE 5B

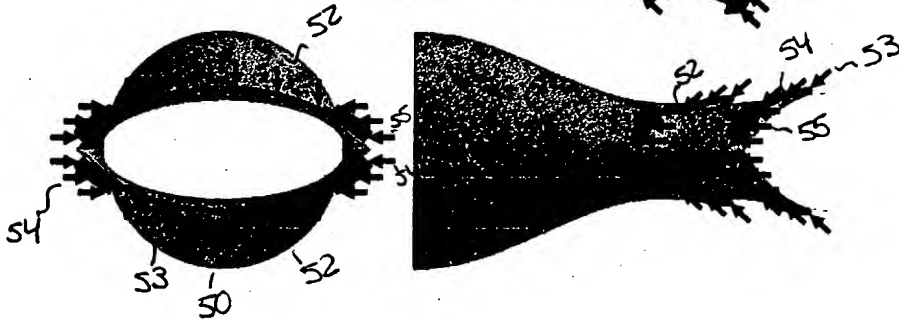


FIGURE 5A

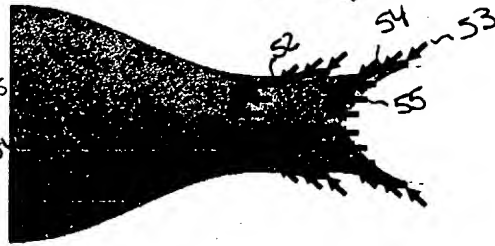
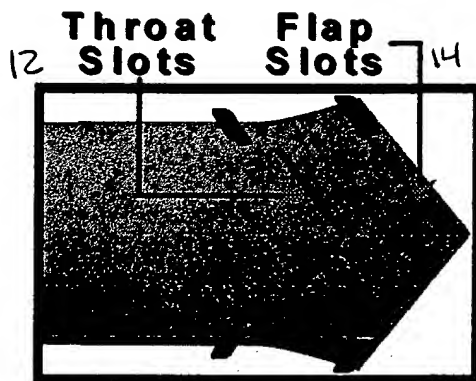
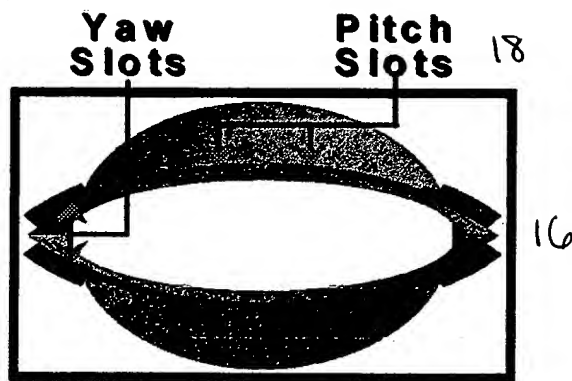


FIGURE 5C



Plan View

FIGURE 5D



Rear View

FIGURE 5E

Fluidic Throat Skewing Performance Envelope

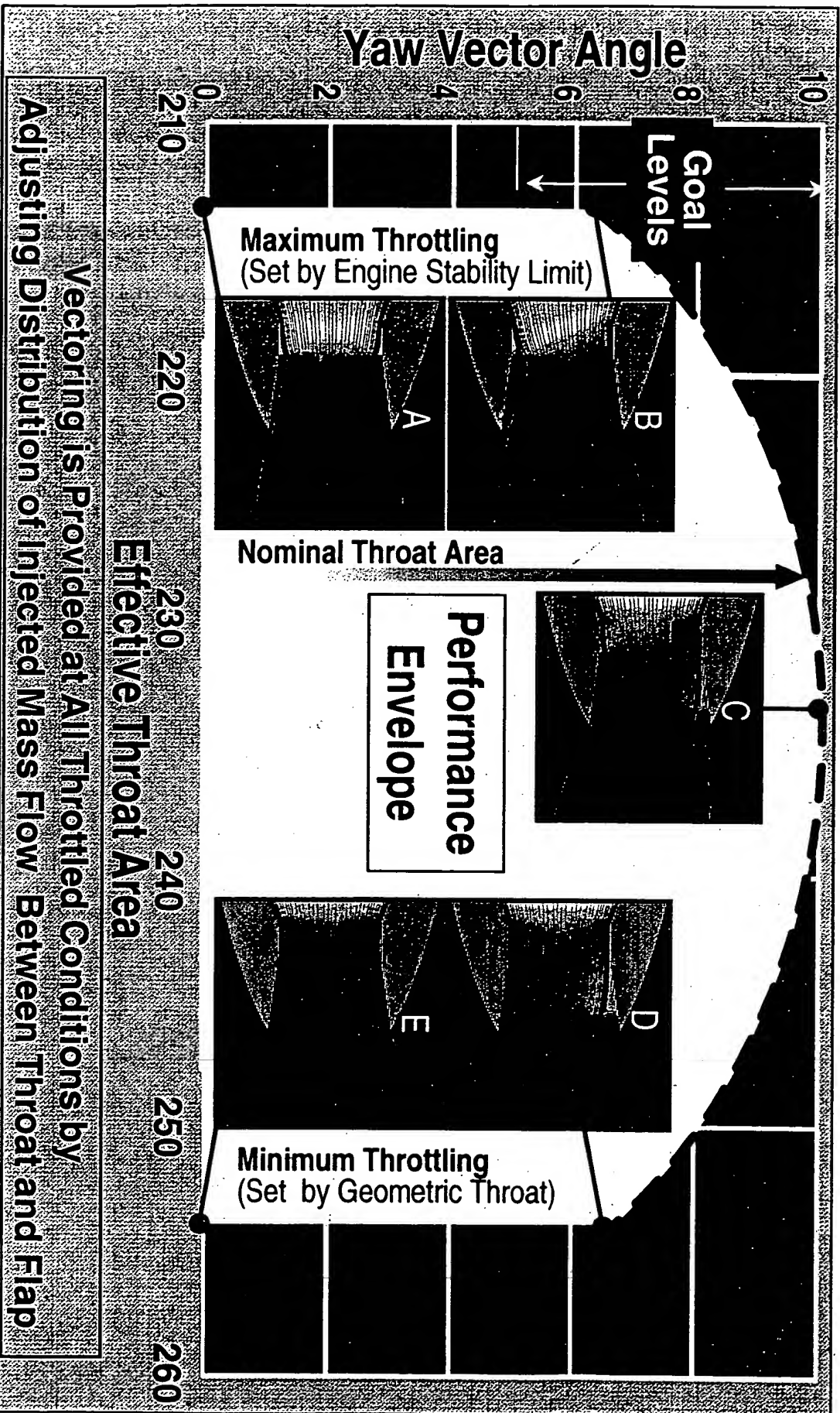


FIG. 6

LOCK 1260-1
7 of 11

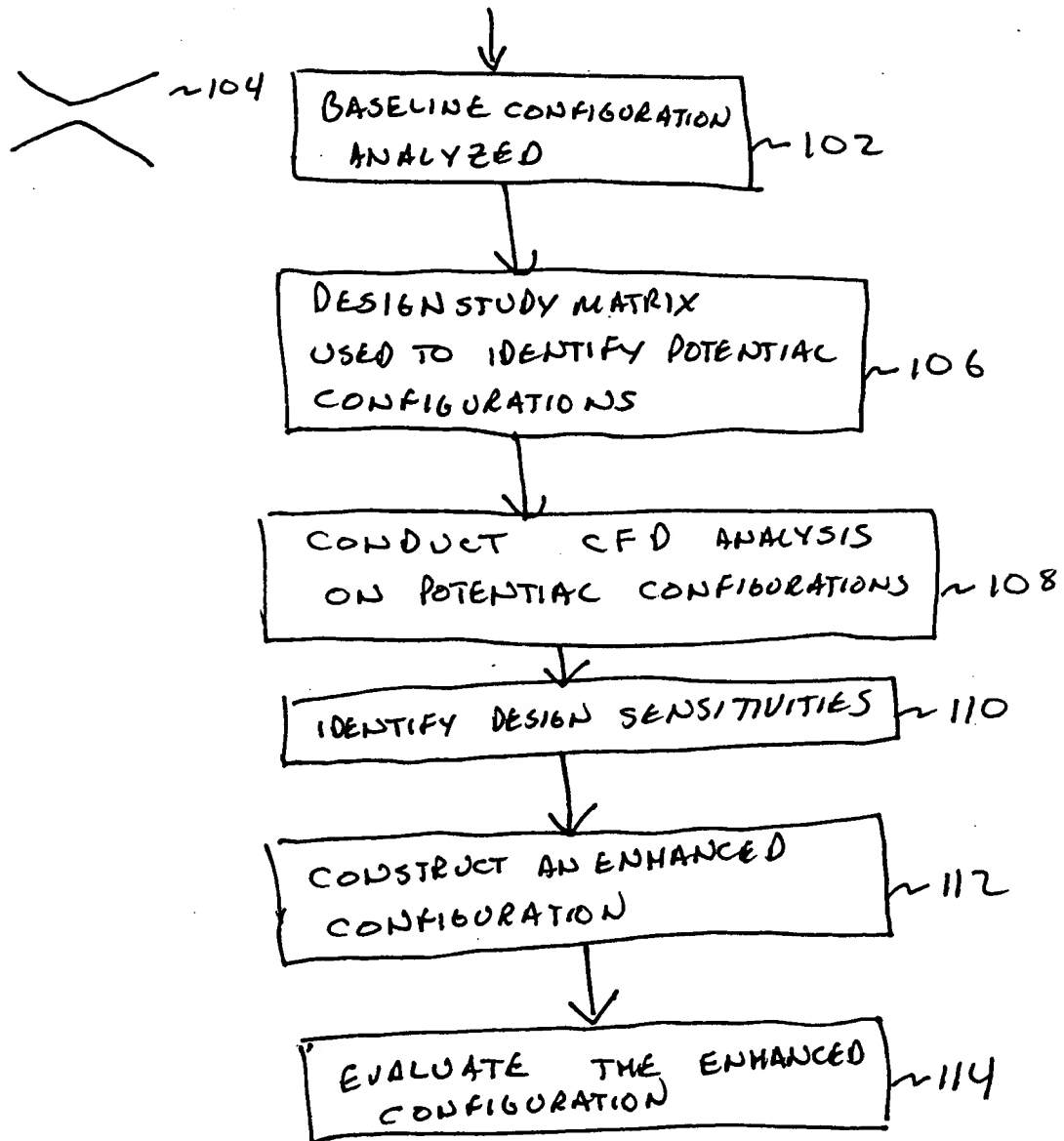


Fig. 7

FIG. 8

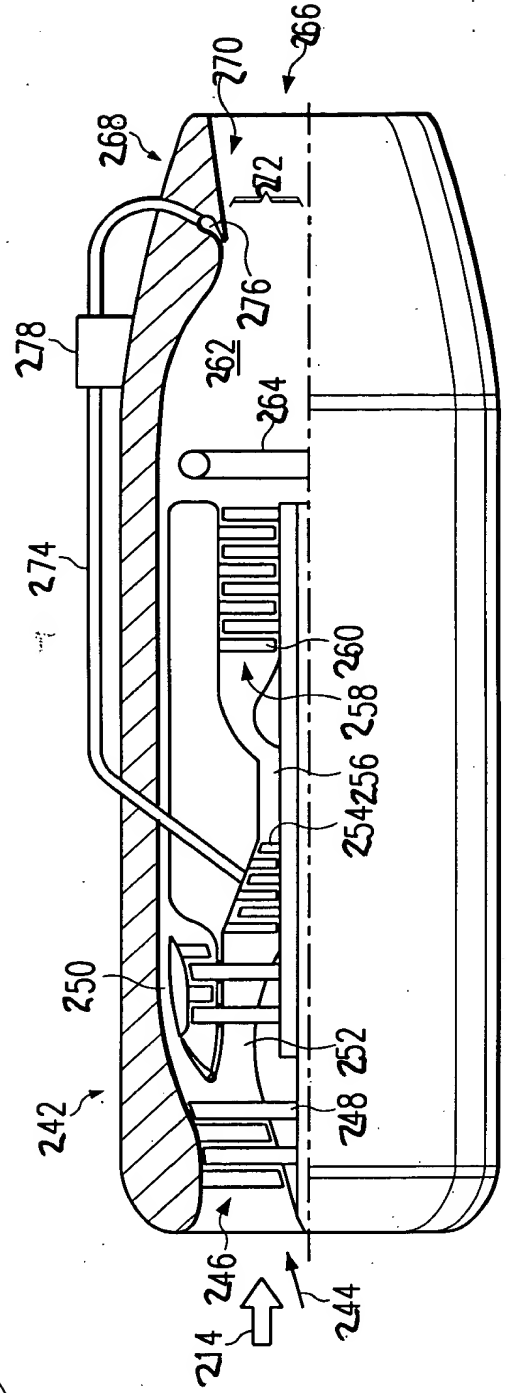
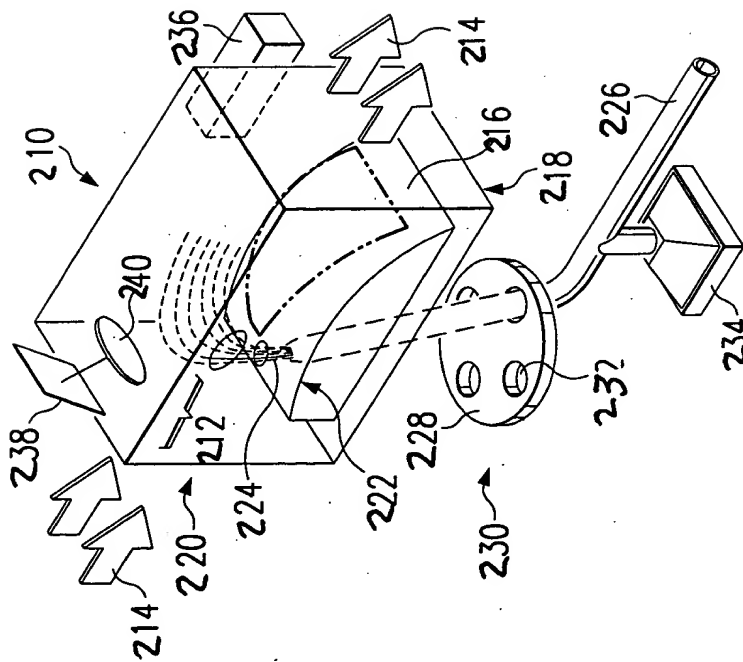


FIG. 9

Fig. 10

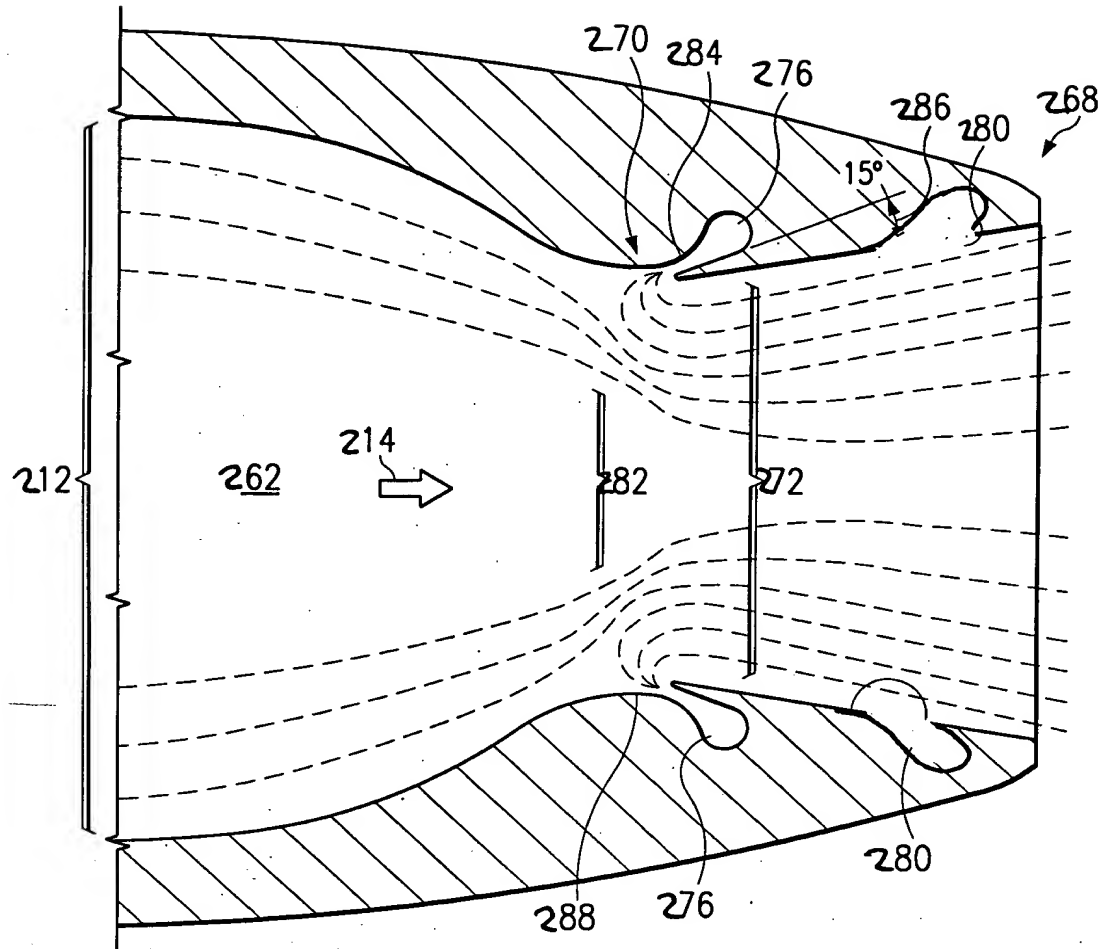
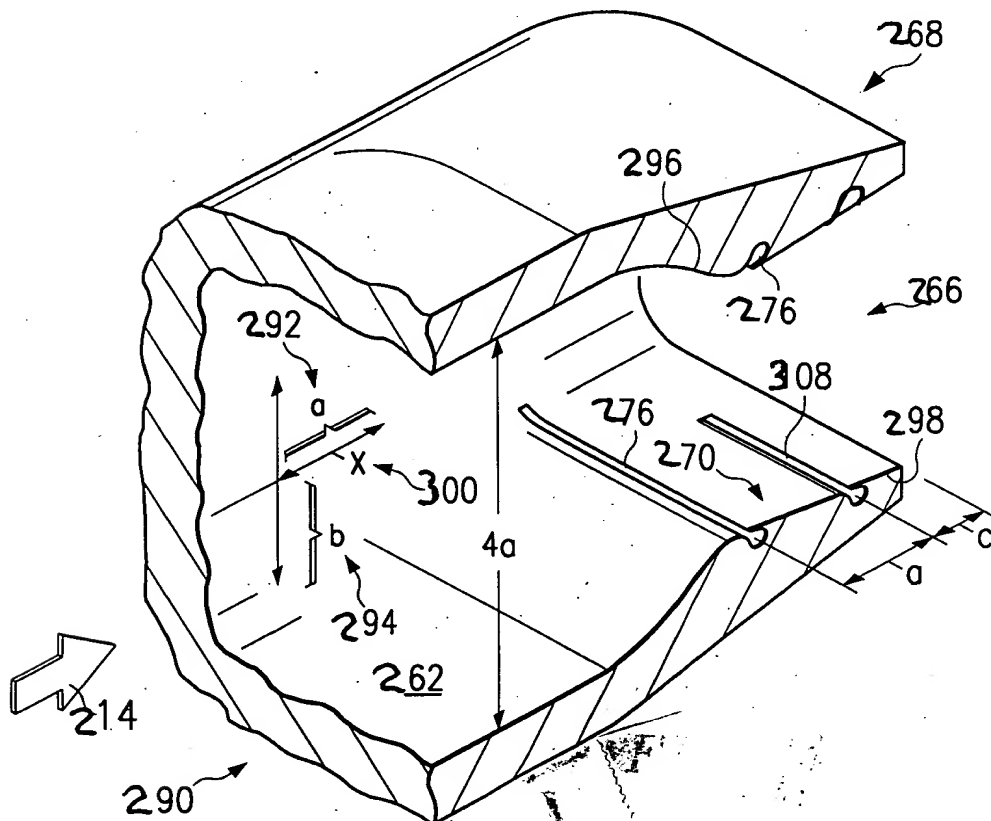


Fig. 11



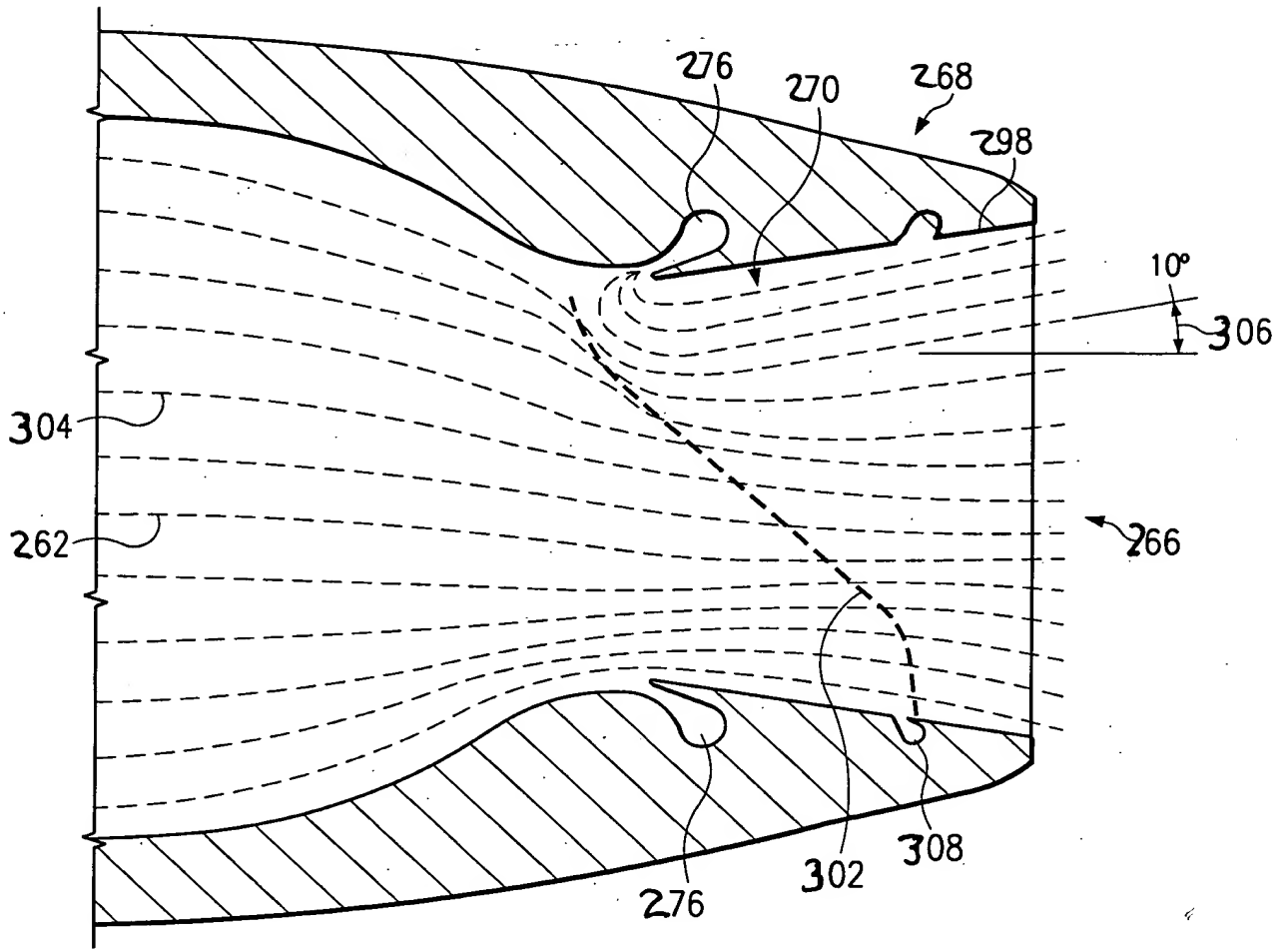


Fig. 12